

Anti-TNF Antibodies and Peptide ors: Junming Le, *et al.*

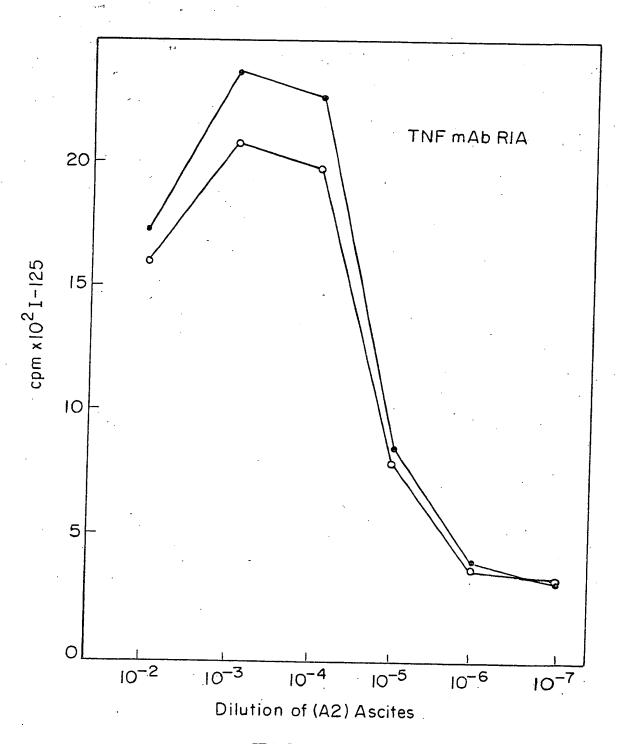


FIG. 1



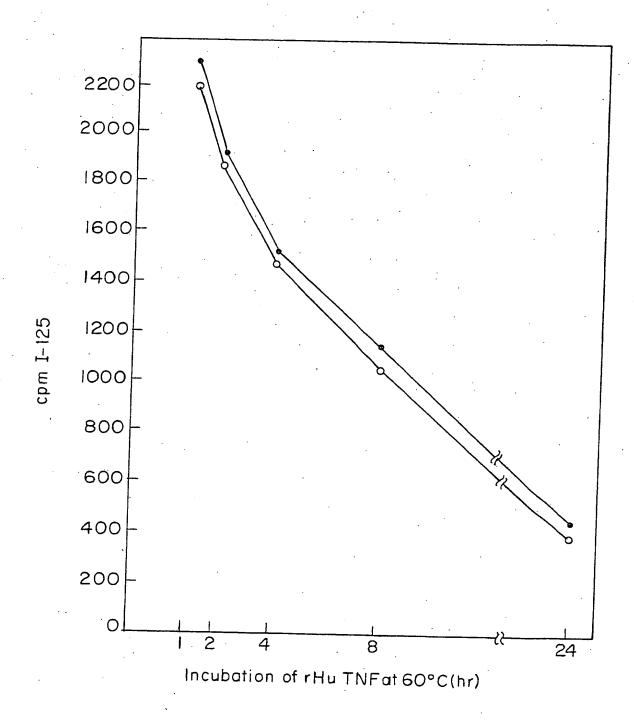
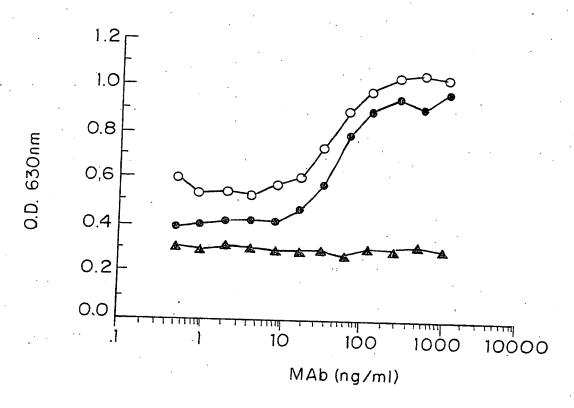


FIG. 2

Docket No.:

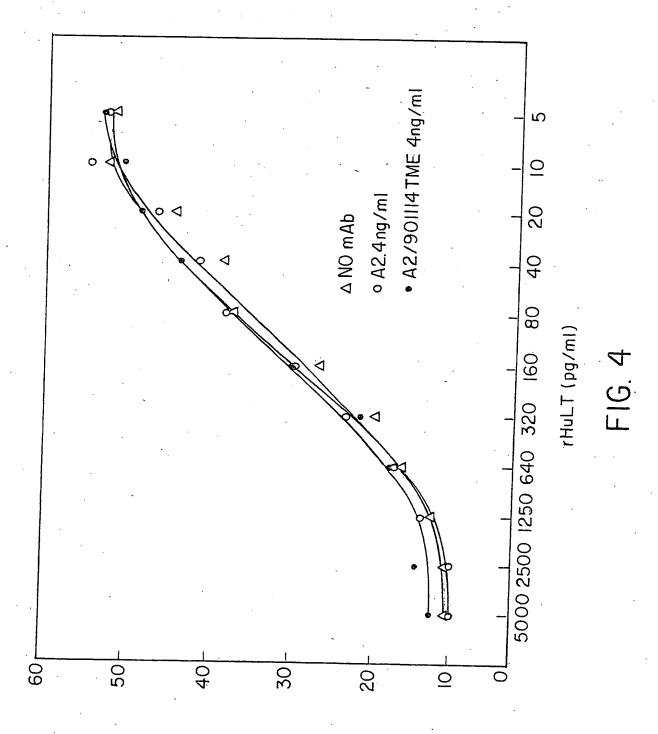
t No.: 0975.1005-010
Anti-TNF Antibodies and Peptides
ors: Junming Le, et al.



- Natural Human TNF
- Recombinant Human TNF Ò
- Control

FIG. 3

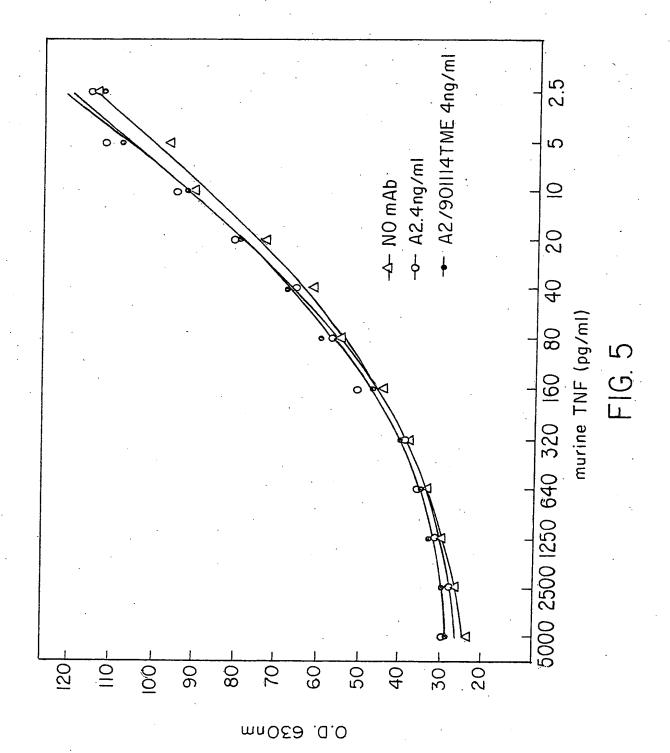
No.: 0975.1005-010
Anti-TNF Antibodies and Peptides ors: Junming Le, et al.



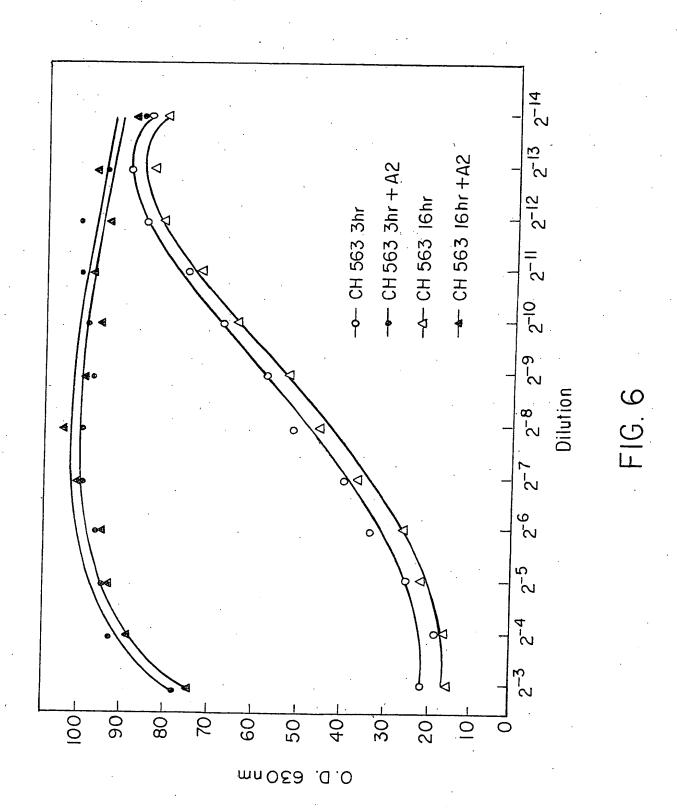
mn059 .0.0

tle: Anti-TNF Antibodies and Peptid ventors: Junming Le, et al.

iventors:



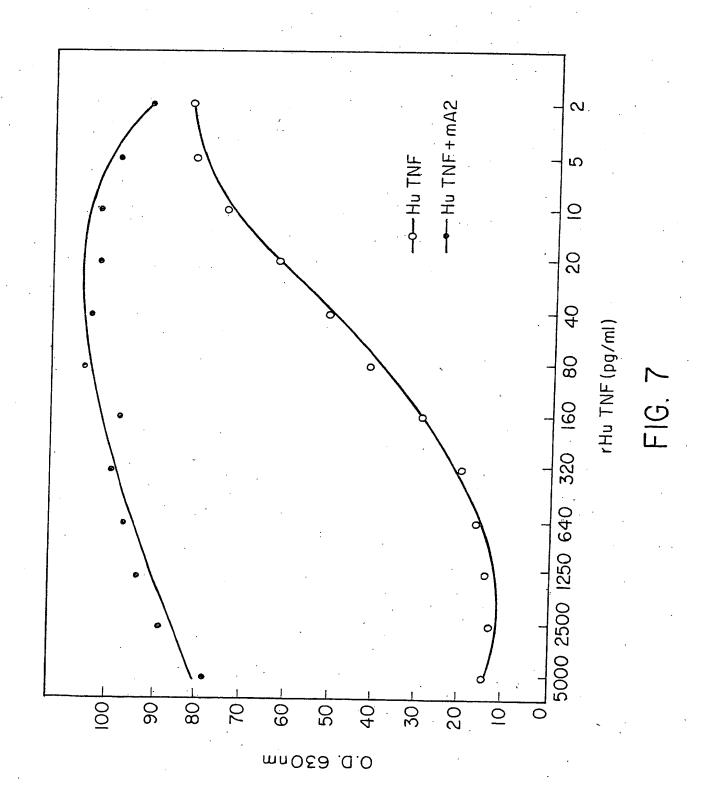
Anti-TNF Antibodies and Peptidors: Junming Le, et al.



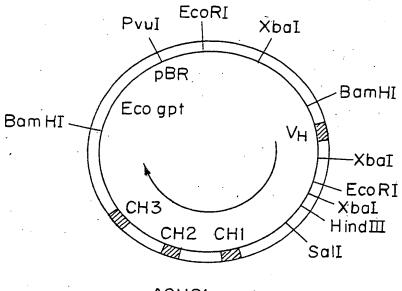
Docket No.: 0975.1005-010

Anti-TNF Antibodies and Peptide

Junming Le, et al.



Titl Anti-TNF Antibodies and Peptides...



pA2HGlapgpt

FIG. 8A

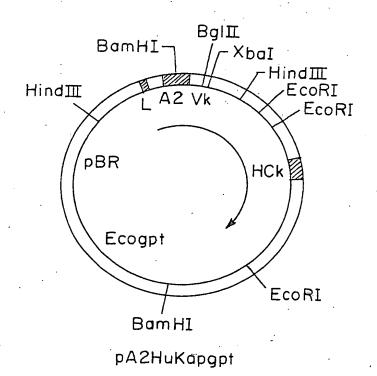


FIG. 8B

Anti-TNF Antibodies and Peptides

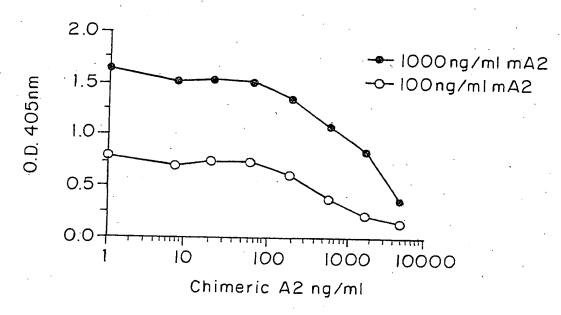


FIG. 9A

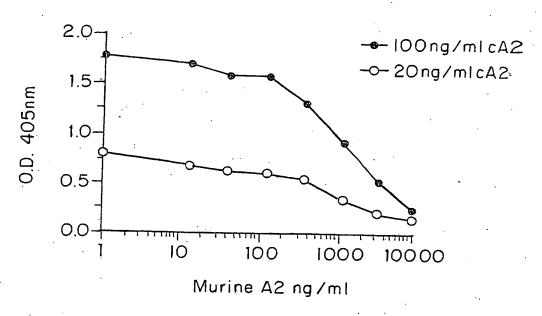


FIG. 9B

0975.1005-010

Anti-TNF Antibodies and Peptide

Junming Le, et al. Inventors:

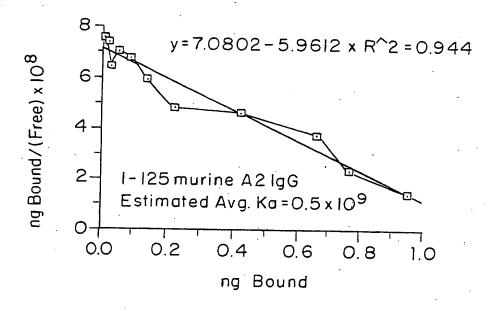


FIG. 10A

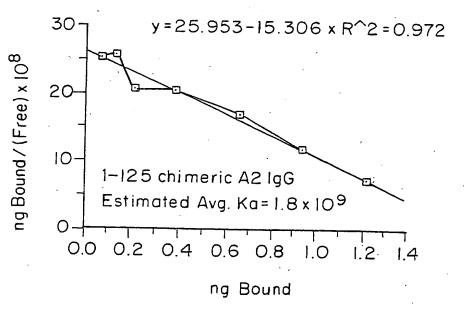


FIG. 10B

Anti-TNF Antibodies and Peptides...

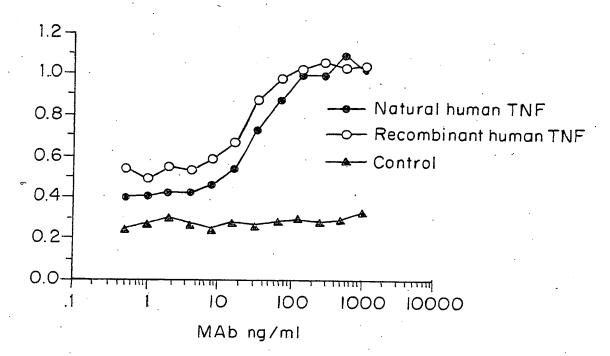


FIG. 11

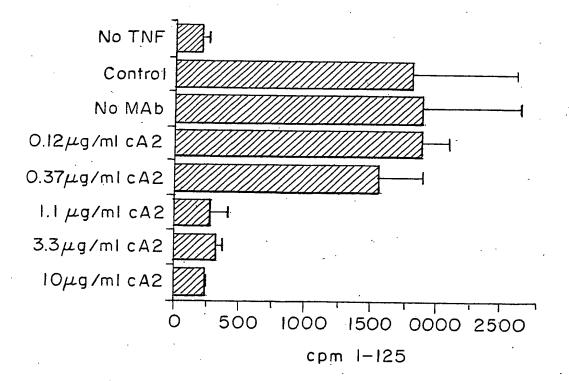


FIG. 12

nti-TNF Antibodies and Peptides...

Junming Le, et al.

Asn Pro Ala Val Val Pro Val Ala His LysAsp Ser ProArg Thr Ser Ser Ser Val

Ala Arg Arg 30 Asn Leu Trp Gln Leu Gln Gly Glu Ala 21 Gln

GlyAsn Asn Ala Leu Leu Ala

Ser Tyr Ile ren TyrGlu Gly Leu Ser Pro Val Val Leu Gln Asn Asp Glu Leu Arg

Ser 70 Pro Cys GlyGln GlyLys Phe

61 Gln

41 Val

81 Ser

101

 Thr His Thr His Val Leu Leu Thr Ser Asn Leu Leu Val Lys Thr $_{
m Gln}$ ${
m T}{
m yr}$ Ser Val Ala Leu Ile Arg

Pro Ser LysIle Ala

Leu Ile Glu Pro Tyr Trp Pro LysAla 110 Glu Ala Gly Glu Glu Thr Arg Gln Cys

Pro Asp Ile Asn Arg Glu Ala Ser Leu Arg Asp 150 Val GlyGln Phe Gln Leu Glu Lys GlySer Glu Ala Phe Val Asp Gly Leu 121 Gly 141 Tyr

Ala

G1y

Phe

Tyr

ventors: Junming Le, et al.

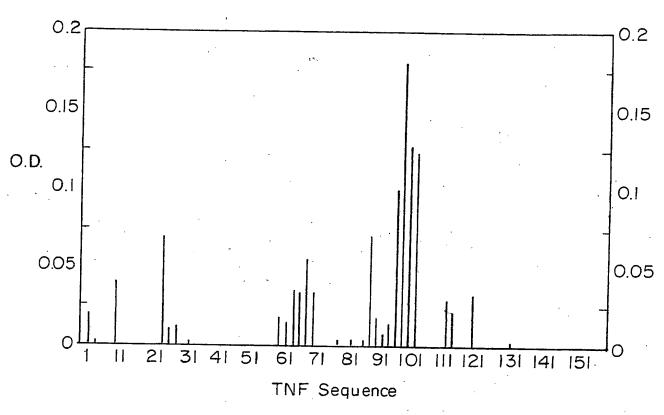


FIG. 14A

DOZEEDAD.OLIBOL

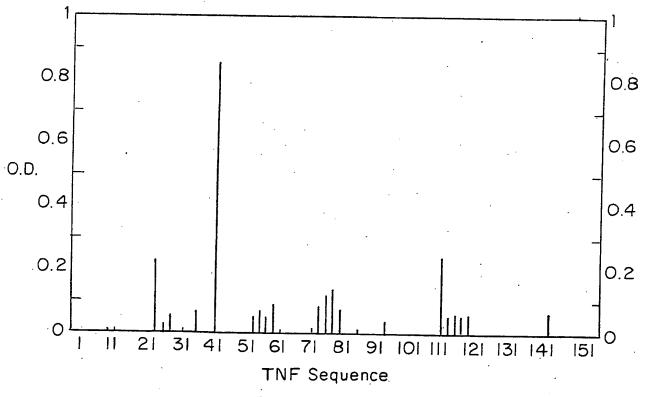


FIG. 14B

Anti-TNF Antibodies and Peptides

Junming Le, et al.

Ala Asn Pro Gly Val

Val

His

Ala

Pro Val

Lys

Asp

Pro Ser

 Thr

Arg

Ser

Ser

Ser

Arg

Val

10

Asn Ala Leu Leu Ala Asn Ala Arg Arg Asn Leu Gln Leu Gln Trp Gly Glu Ala Gln

Ser IleLeu TyrGly Leu Glu Ser Pro 50 Val Glu Leu Arg Asp Asn Gln Leu Val Val

Ile Thr His Leu Leu Thr His Val Thr Ser Pro Cys Gln Gly Gly Lys Phe Leu Val 61 Gln

Pro Ser Lys I1eAla Ser Leu Leu Asn Val Lys Thr Tyr Gln Ser Ile Ala Val Arg Ser 81

Tyr Trp Tyr Glu Pro Ile Pro LysAla Glu Ala G1yGlu Pro Thr Glu Arg Gln Cys 101

Leu

Pro Asp Asn Arg Ile Glu Ala Ser Leu Arg Asp 130 Phe Gln Leu Glu Lys Gly Gly Val 121 Gly

Ala Ile Ile GlyPhe Tyr150 Val Gln G1yGluser Ala Phe Leu Asp 141

: Anti-TNF Antibodies and Peptide

nventors:

Junming Le, et al.

 ${\tt AspIleLeuLeuThrGlnSerProAlaIleLeuSerValSerProGlyGluArgValSer}$ GACATCTTGCTGACTCAGTCTCCAGCCATCCTGTCTGTGAGTCCAGGAGAAAGAGTCAGT

TTCTCCTGCAGGGCCAGTCAGTTCGTTGGCTCAAGCATCCACTGGTATCAGCAAAGAACA $\tt Phe Ser CysArgAla Ser GlnPhe Val Gly Ser Ser Ile HisTrpTyr Gln Gln Arg Thr$ AATGGTTCTCCAAGGCTTCTCATAAAGTATGCTTCTGAGTCTATGTCTGGGATCCCTTCC ${\tt AsnGlySerProArgLeuLleLysTyrAlaSerGluSerMetSerGlyIleProSer}$

AGGTTTAGTGGCAGTGGATCAGGGACAGATTTTACTCTTAGCATCAACACTGTGGAGTCT ${\tt ArgPheSerGlySerGlyThrAspPheThrLeuSerIleAsnThrValGluSer}$

GAAGATATTGCAGATTATTACTGTCAAGAAAGTCATAGCTGGCCATTCACGTTCGGCTCG ${\tt GluAspIleAlaAspTyrTyrCysGlnGlnSerHisSerTrpProPheThrPheGlySer}$

GGGACAAATTTGGAAGTAAAA GlyThrAsnLeuGluValLys FIG. 16A

Anti-TNF Antibodies and Peptides

tors: Junming Le, et al.

GAAGTGAAGCTTGAGGAGTCTGGAGGCTTGGTGCAACCTGGAGGATCCATGAAACTC ${\tt GluValLysLeuGluGluSerGlyGlyGlyLeuValGlnProGlyGlySerMetLysLeu}$

 ${\tt SerCysValAlaSerGlyPheIlePheSerAsnHisTrpMetAsnTrpValArgGlnSer}$ TCCTGTGTTTGCCTCTGGATTCATTTTCAGTAACCACTGGATGAACTGGGTCCGCCAGTCT

CCAGAGAAGGGGCTTGAGTTGCTGAAATTAGATCAAAATCTATTAATTCTGCAACA $\tt ProGluLysGlyLeuGluTrpValAlaGluIleArgSerLysSerIleAsnSerAlaThr$

 ${\tt HisTyrAlaGluSerValLysGlyArgPheThrIleSerArgAspAspSerLysSerAla}$ CATTATGCGGAGTCTGTGAAAGGGAGGTTCACCATCTCAAGAGAGATGATTCCAAAAGTGCT

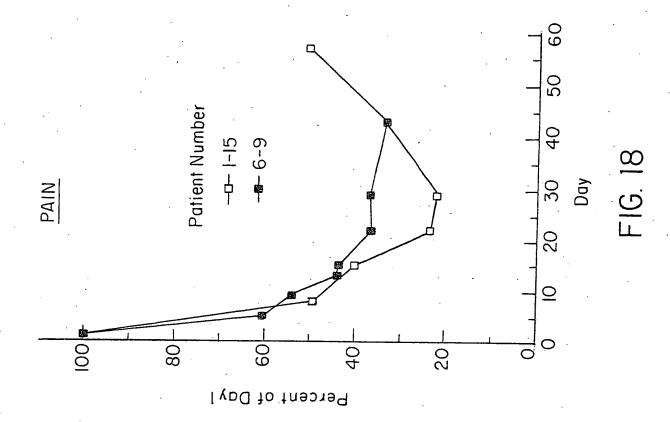
GTGTACCTGCAAATGACCGACTTAAGAACTGAAGACACTGGCGTTTATTACTGTTCCAGG ${\tt ValTyrLeuGlnMetThrAspLeuArgThrGluAspThrGlyValTyrTyrCysSerArg}$

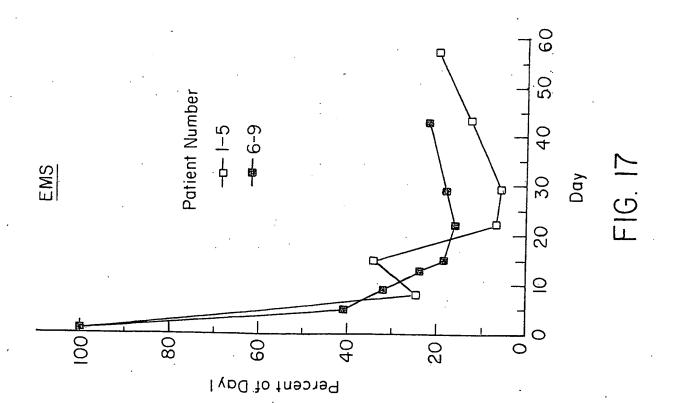
AATTACTACGGTAGTACCTACGACTACTGGGGCCAAGGCACCACTCTCACAGTGTCC ${\tt AsnTyrTyrGlySerThrTyrAspTyrTrpGlyGlnGlyThrThrLeuThrValSer}$

FIG. 16B

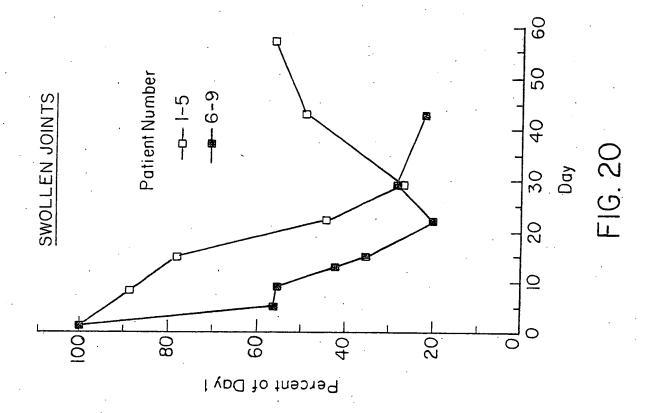
Anti-TNF Antibodies and Peptides..

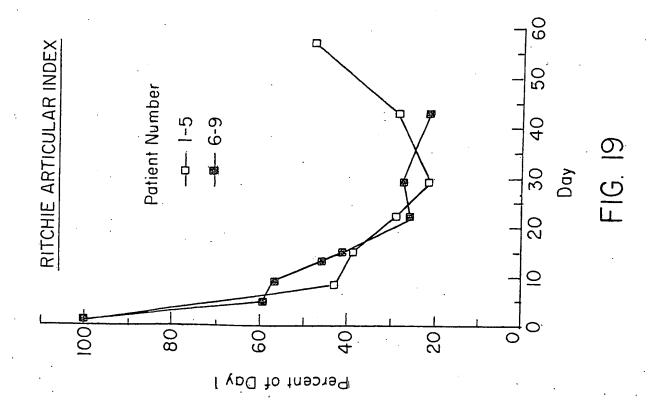
In cors: Junming Le, et al.





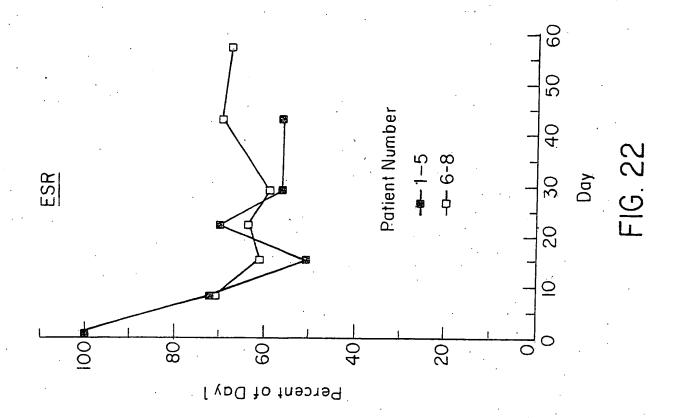
Anti-TNF Antibodies and Peptides ors: Junming Le, et al.

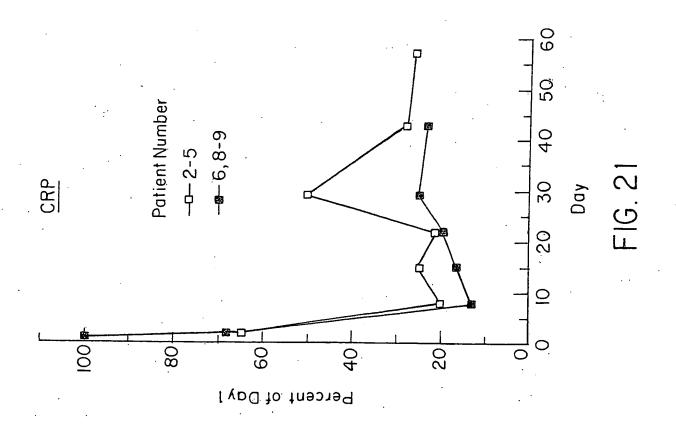




No.: 0975.1005-010
Anti-TNF Antibodies and Peptides...
ors: Junming Le, et al.

Inventors:





ocket No.: 0975.1005-010 le: Anti-TNF Antibodies and Peptid

Junming Le, et al. Inventors:

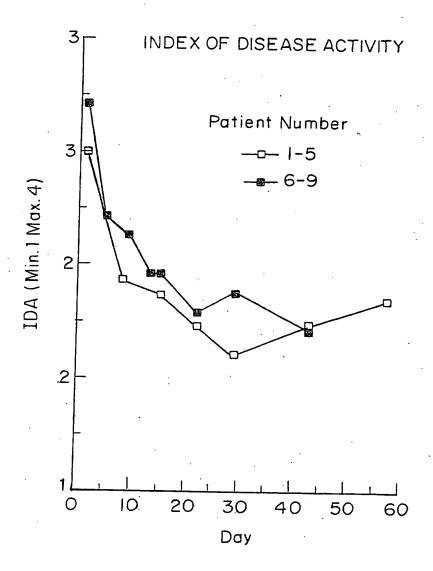
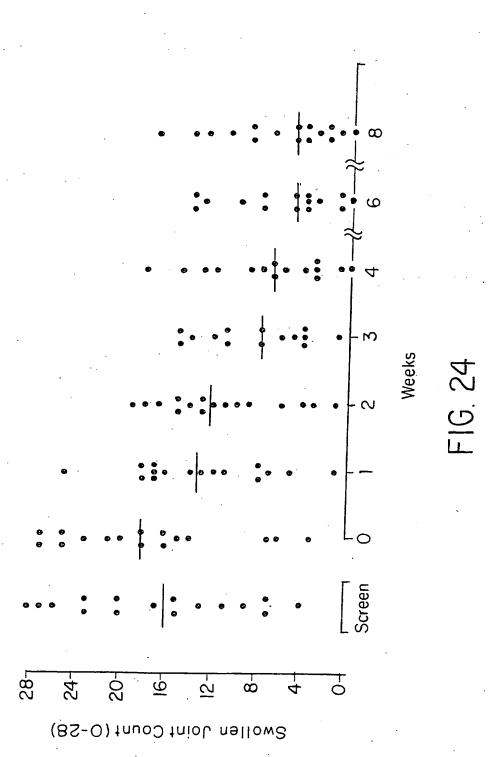


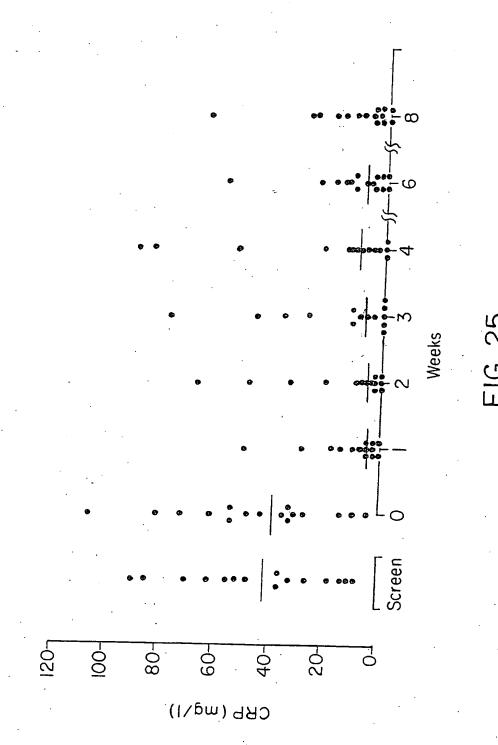
FIG. 23

Title: Antibodies and Peptides...



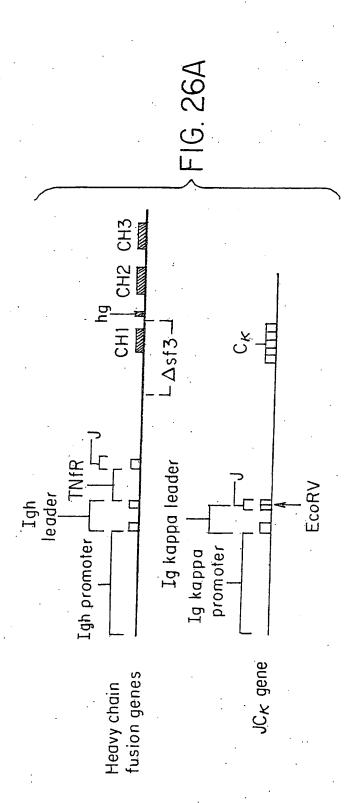
then the count tout that the first that

B. C. C. C. B. B. B. C.



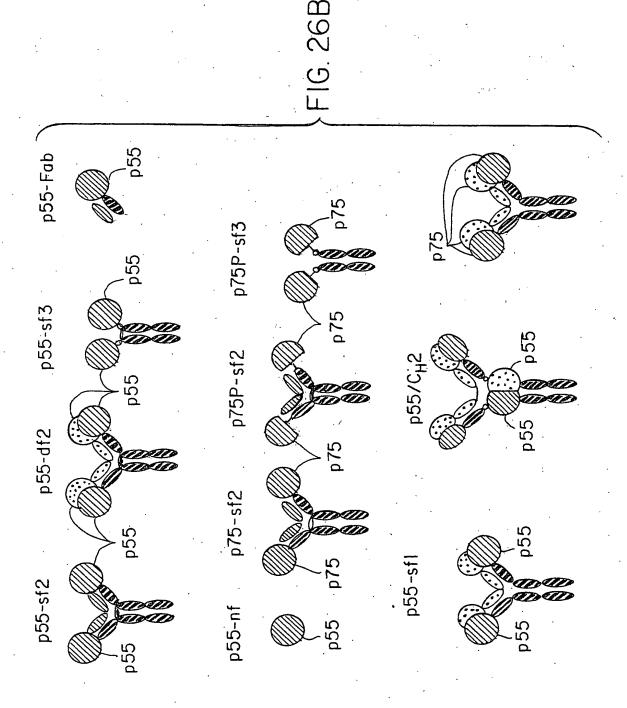
The first and the first first made on the first that the first fir

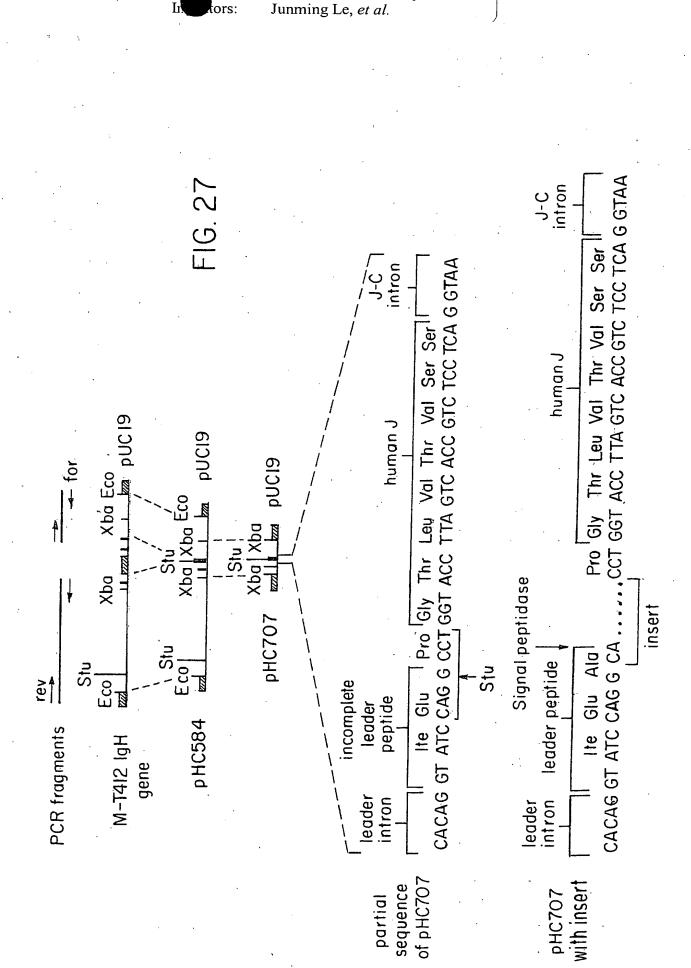
0975.1005-010
-TNF Antibodies and Peptides...
Junming Le, et al.



Docket No.: 0975.1005-010

C: Anti-TNF Antibodies and Peptide Intors: Junming Le, et al.

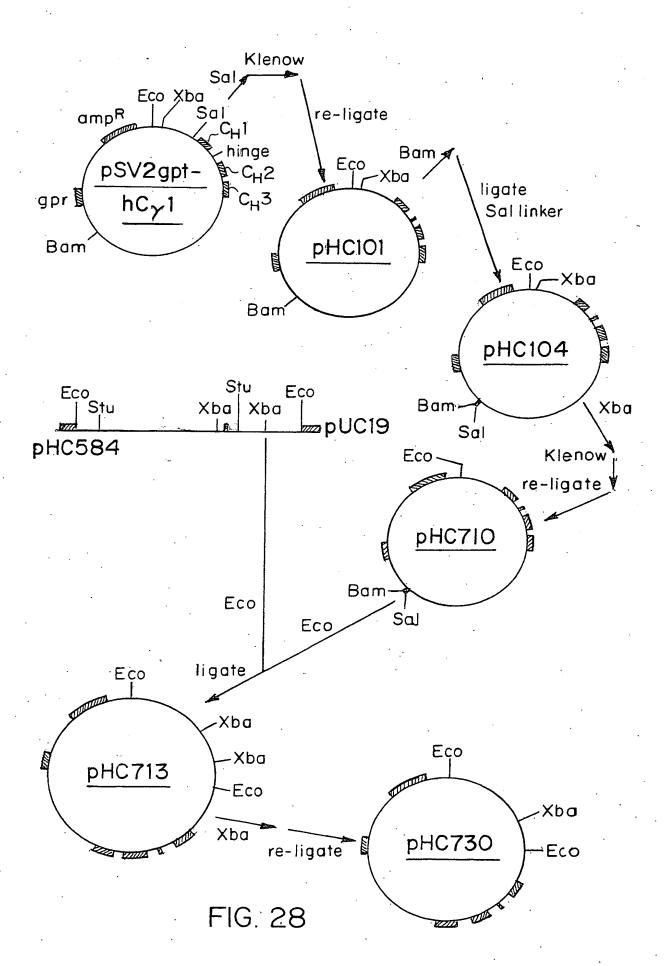




0975.1005-010

-TNF Antibodies and Peptides.

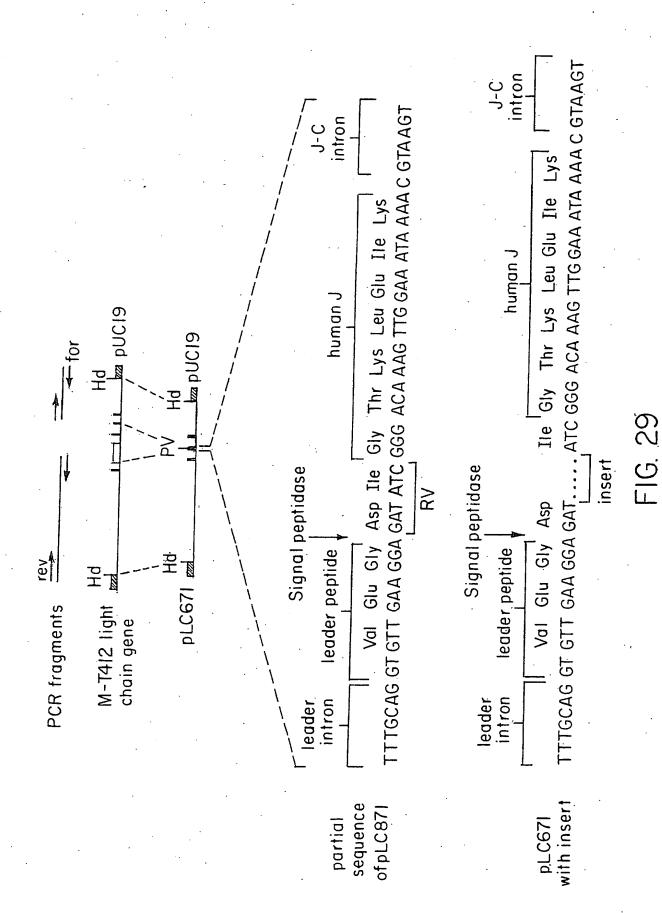
Anti-TNF Antibodies and Peptides...



Docket No.: 0975.1005-010

Tit Anti-TNF Antibodies and Peptides...

Inventors: Junming Le, et al.



Docket No.: 0975.1005-010

Title: Anti-TNF Antibodies and Pe

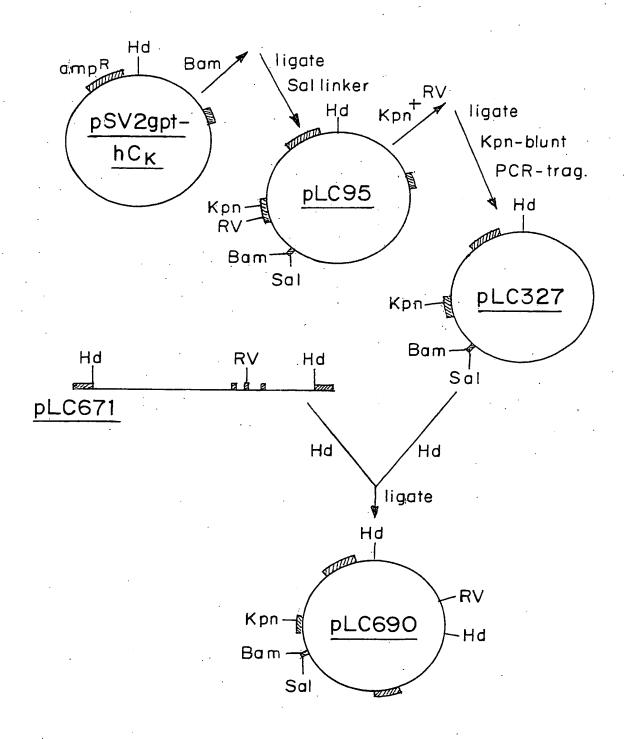


FIG. 30

No.: 0975.1005-010
Anti-TNF Antibodies and Peptides

Junming Le, et al.

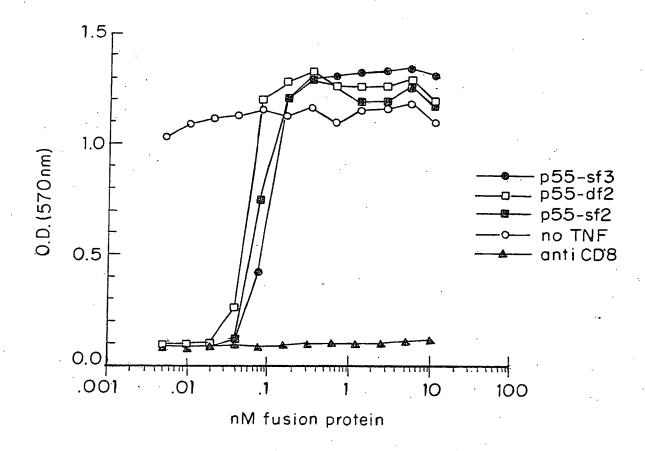


FIG. 31A

Anti-TNF Antibodies and Peptides ors: Junming Le, et al.

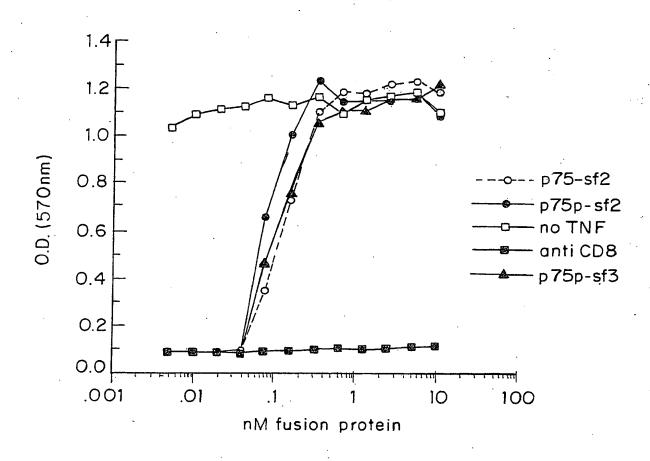


FIG. 31B

Anti-TNF Antibodies and Peptides

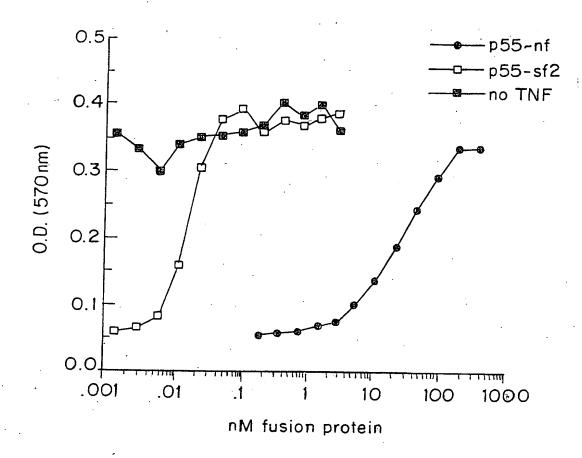


FIG. 31C

ocket No.: 0975.1005-010 tle: Anti-TNF Antibodies and Peptid ventors: Junming Le, *et al*.

inventors:

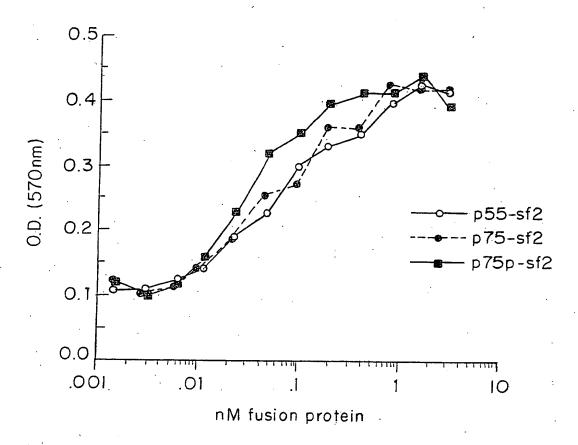


FIG. 32

Anti-TNF Antibodies and Peptides.
In Contors: Junming Le, et al.

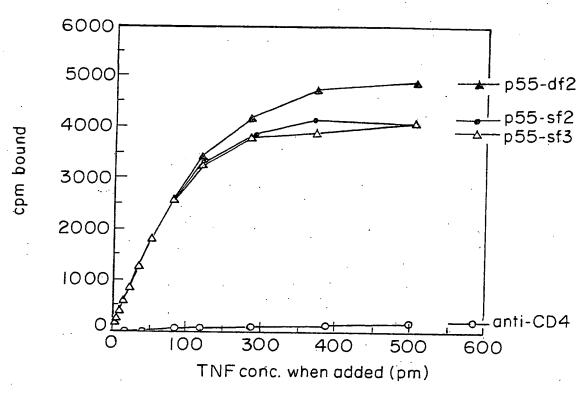


FIG. 33A

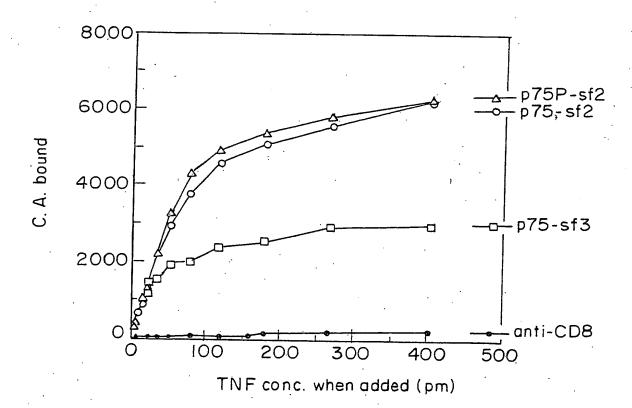
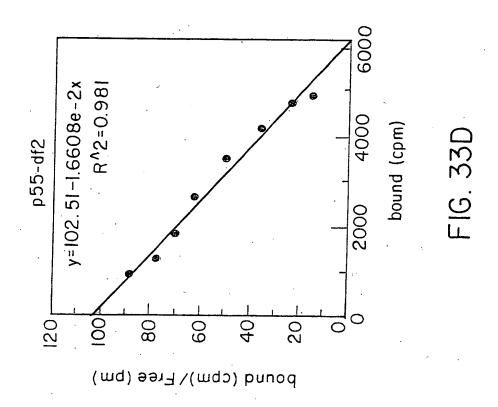
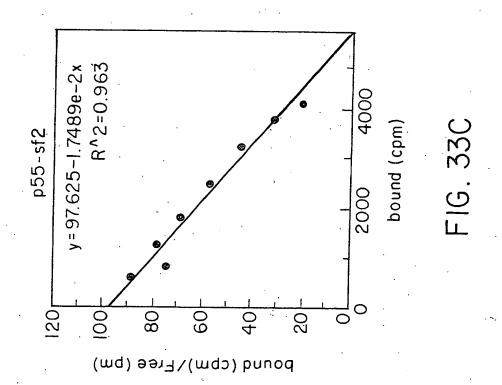


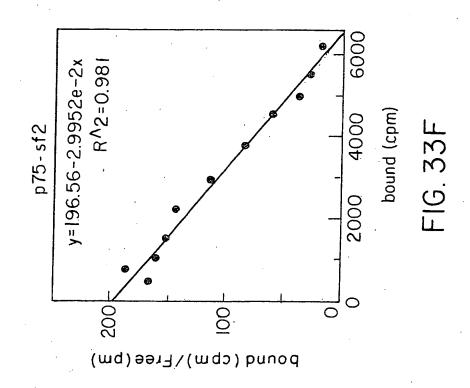
FIG. 33B

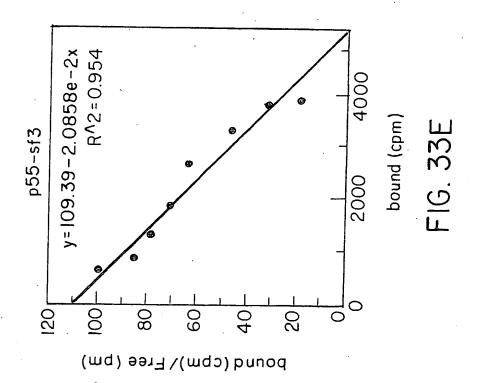
Anti-TNF Antibodies and Peptides.



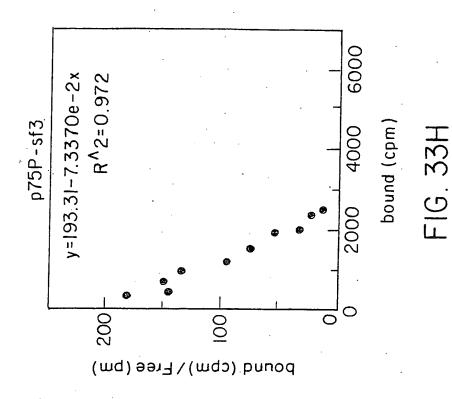


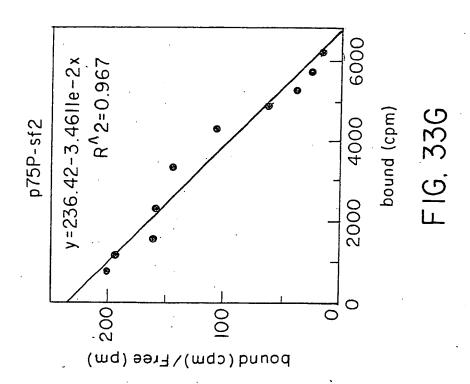
Anti-TNF Antibodies and Peptides



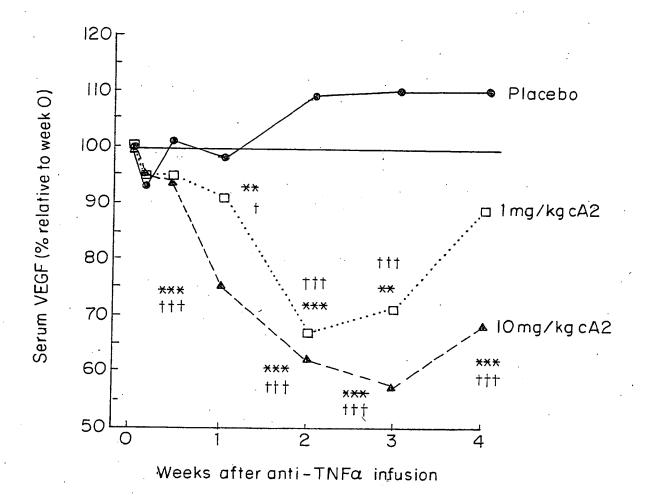


Ti: Anti-TNF Antibodies and Peptides...





Ti Anti-TNF Antibodies and Peptides...



* p \leq 0.05, **p \leq 0.01, *** p \leq 0.001 versus pre-infusion † p \leq 0.05, ††p \leq 0.01, ††† p \leq 0.001 versus change in placebo group

FIG. 34